



March 16, 2011

Tecumseh Compressor Company

Indoor Condensing Units

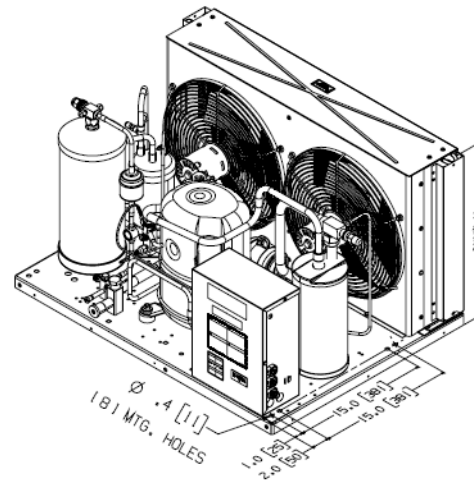
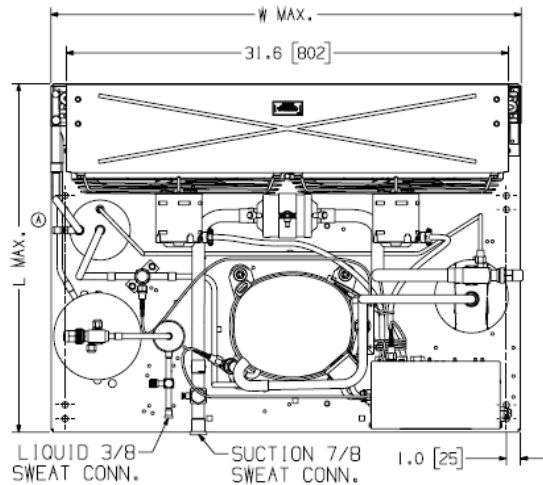
Model: AWG4516EXNXF

BoM: 2B1169-1

R-22

1 1/2 HP

AIRCOOLED



Model	Dimensions, inches				Line Connection*		Pumpdown	Air	Oil Ch	Gr. Wt.
	L	W	H	CH	Suction	Liquid	90 °F 90%	SCFM	Oz.	Lbs.
AWG4516EXNXF	25.0	33.5	19.5	14.7	7/8" S	3/8" S	19 lbs	1800	38.5	190

* F = Flare, S = Solder, RF or RS = Rotolock with Flare or Solder Connections, C = Compression Fitting

Ambient Temperatures													
Evaporator T		80°F			90°F			100°F			110°F		
°F	PSIG	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T
10	32.8	6538	1106	90	5918	1081	99	5297	1087	108	4682	1103	117
15	37.7	7674	1163	91	6983	1151	101	6297	1167	110	5629	1189	119
20	43.0	9017	1220	93	8236	1221	102	7457	1246	111	6680	1275	120
25	48.7	10542	1275	96	9633	1290	104	8747	1326	113	7863	1362	122
30	54.8	12166	1330	98	11155	1360	107	10148	1405	115	9143	1448	124
35	61.4	13941	1386	100	12791	1429	109	11641	1485	117	10546	1532	126
40	68.5	15855	1440	103	14558	1497	111	13212	1563	120	11926	1618	128
45	76.0	17778	1498	106	16383	1564	114	14934	1637	122	13490	1698	130
50	84.0	19827	1553	108	18200	1634	116	16572	1715	124	15037	1779	132
55	92.6	21940	1607	111	20123	1699	119	23229	1788	126	16516	1860	134

60 Hz Performance

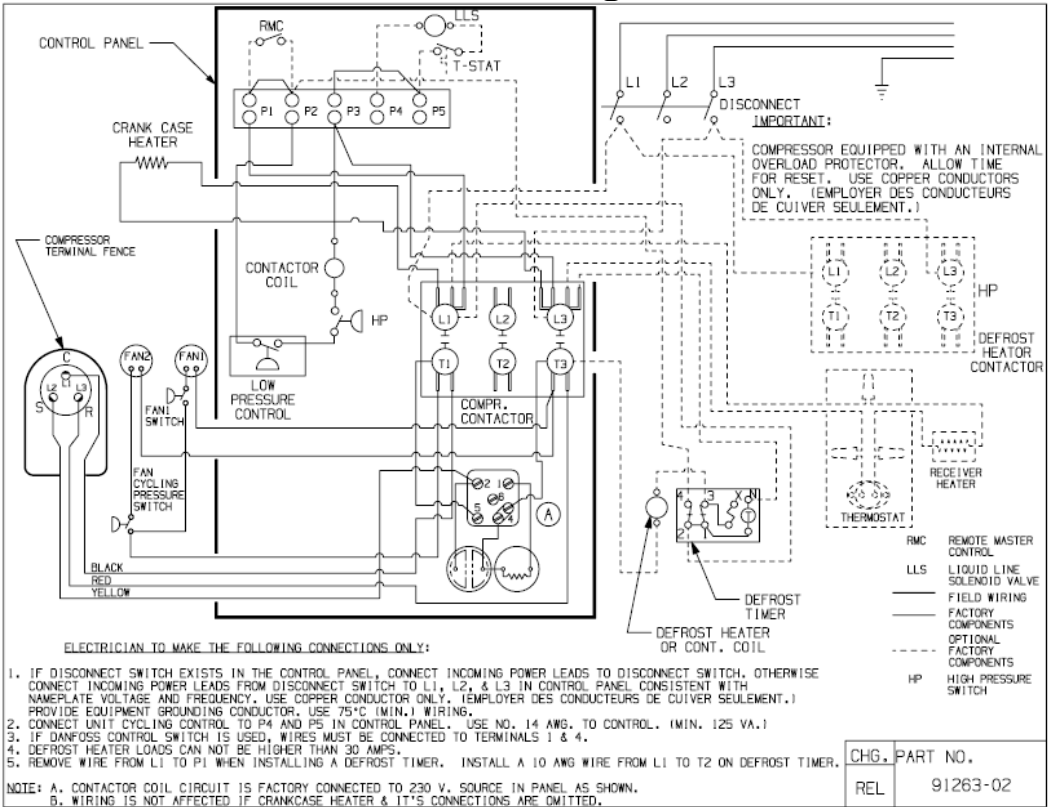
Return gas temp. 65°F, 5°F sub cooling

Specifications/ Parts:

Model	AWG4516EXNXF
Unit Bill of Material	2B1169-1
Nominal Volts-Hz-Ph	208-230-60-1
Refrigeration Range	20° to 55°
Design Pressure Low	150
Design Pressure High	450
Voltage Range	187 to 254
Min. Circuit Ampacity	11.4
Max. Fuse Size (amps)	15
Compressor Model	AWG5515EXN
Comp. Bill of Material	AW700ET-099-A2
Compressor RLA/LRA	7.8 / 43.0
Overload	INTERNAL
Relay	820ARR3J44
Run Capacitor	85PR370E35
Run Capacitor Rating	20MFD 370V(M)VDE
Start Capacitor	85PS330D17
Start Capacitor Rating	145-175 MFD 330V VDE
Contactors	91014
Unit Drawing	DGU1918-58
Wiring Diagram	91263-02

Fan Motor	810F050C20 (2)
Fan Motor RLA	0.7 Each
Fan Blade	51568-1 (2)
Fan Guard	70831 (2)
Fan Shroud	70648-2
High Pressure Switch	84095-1
Low Pressure Control	84026-2
Oil Separator *	704-00002
Condenser	50855-1
Fan Switch	84096-1
Fan Switch	84096-2
Receiver Tank	51082-1
Liquid Valve	31592
Liquid Filter *	70081
Sight Glass *	70084
Suction Valve *	31529-1
Rotolock Valve Gasket	30233
Discharge Valve	56596
Suction Filter *	70082
Accumulator *	TK00042000
Crankcase Heater	91022-1
Defrost Timer *	N/A
Suction Shut Off Valve*	56500-K14
Liquid Shut Off Valve*	56500-K06
Shrader Valve Body*	56510
Valve Core*	56552
* = Equipped Units Only	

Electrical Diagram



CHG. PART NO.	
REL	91263-02